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WATER SUPPLY OUTLOOK FOR WYOMING



U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

STATE ENGINEER of WYOMING

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF
MAY 1, 1977

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: SNOW COURSE MEASUREMENTS BY A SURVEY TEAM IN UTAH'S WASATCH RANGE.
ORC-254-10

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, 6029 Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR WYOMING

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

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WASHINGTON, D.C.



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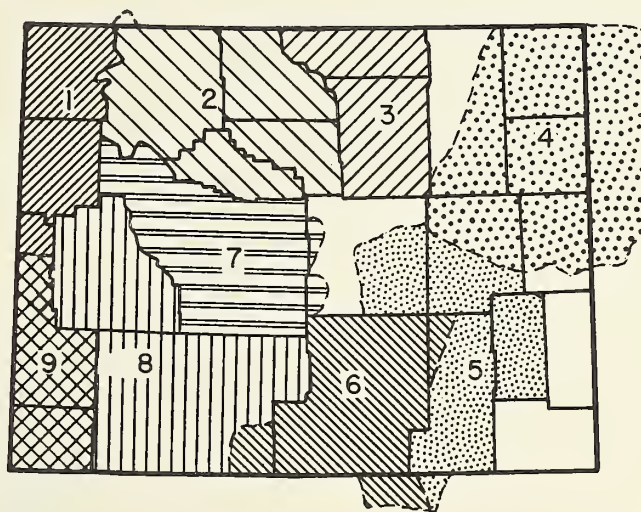
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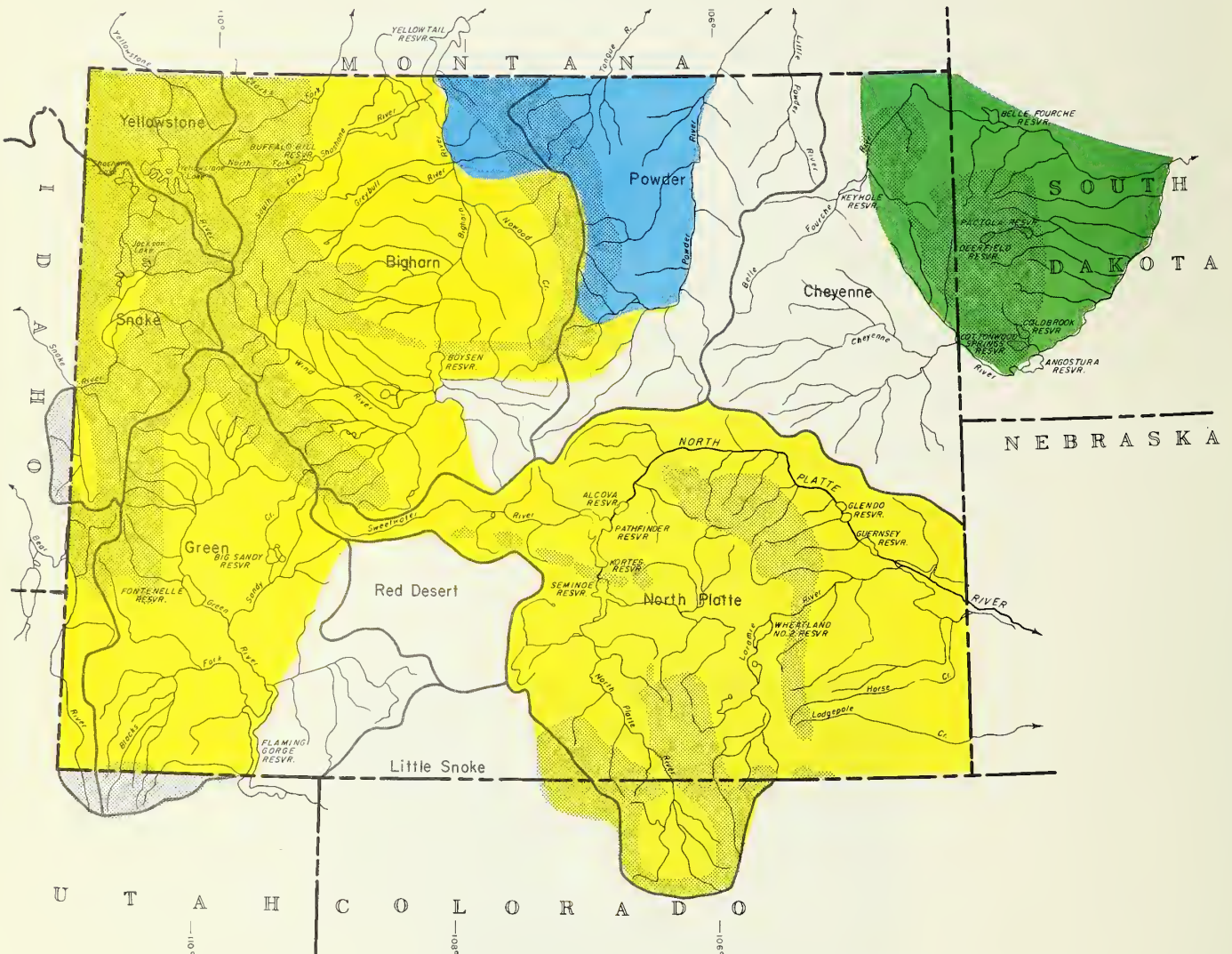


WATERSHED AREA LOCATIONS

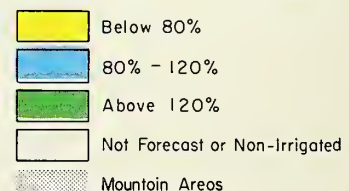
PROSPECTIVE WATER SUPPLIES FOR WYOMING SPRING AND SUMMER PERIOD

MAY 1, 1977

50 0 50 MILES
SCALE 1 : 4,250,000



FORECAST STREAM FLOW
in Percent of 1958-1972 Year Average





Autumn in the Tetons.

WYOMING SUMMARY as of MAY 1, 1977

* * * * *
 *
 * *April showers failed to materialize in the southwest portion of the* *
 * *state and severe drought conditions persist. The warm temperatures* *
 * *in April have melted most of the snow, but due to the dry soil condi-* *
 * *tions, very little runoff has occurred.* *
 *
 * * * * *

SNOWPACK

An unusually warm April has depleted all of the low elevation snow and significantly reduced the high elevation snowpack. With the exception of the northern portion of the Bighorn Mountains, the entire state is below normal with most of the Continental Divide having less than 10 percent of the normal May 1 water content.

Continued on next page---

PRECIPITATION

The dry spell continued through April on the west side of the state with the Snake and Yellowstone drainages receiving only 10-30 percent of the normal amount. Precipitation was near normal in the northeast and above average in the southeast. The seasonal totals range from one-third to one-half of average in the west to slightly above normal along the east side of the state.

STREAMFLOW

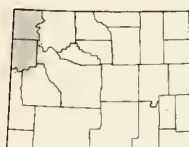
Streamflow forecasts range from 80 percent below normal in the southwest to near average in the northeast. Many streams are at or past the peak runoff and beginning to recede. Record low flows can be expected on most streams in the southwest.

RESERVOIR STORAGE

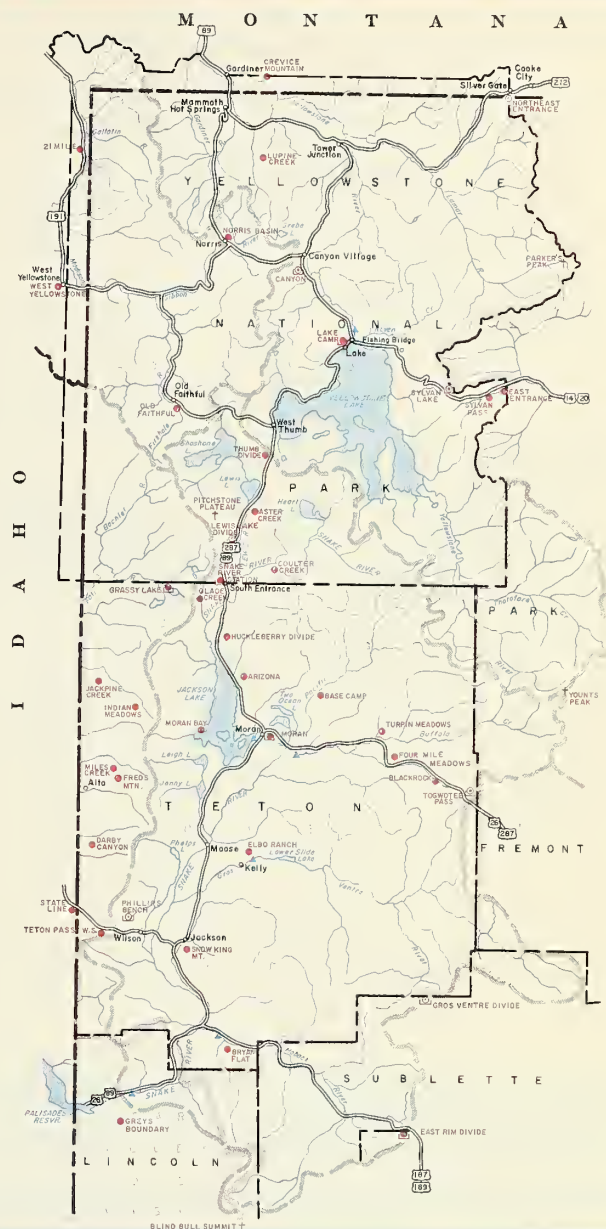
Reservoir storage remains above the May 1 average throughout the state, but with the low streamflow volumes, some of the major reservoirs in the state will not fill this year.

WATER SUPPLY OUTLOOK FOR THE CONSERVATION DISTRICTS IN THE SNAKE, MADISON AND UPPER YELLOWSTONE RIVER WATERSHEDS IN WYOMING

MAY 1, 1977



LOCATION MAP



YOUR WATER SUPPLY

SPRING AND SUMMER WATER SUPPLY POTENTIALS REMAIN FAR BELOW NORMAL. STREAMFLOW IS FORECAST FROM 19% OF NORMAL ON THE SALT RIVER TO 46% ON THE YELLOWSTONE RIVER. DRY SOILS ARE ABSORBING MUCH OF THE RUNOFF AS IT IS RELEASED FROM RAPIDLY DECAYING SNOWPACKS. SNOWPACK IS EXTREMELY LOW FOR MAY 1 WITH THE HIGHEST PERCENTAGE OF NORMAL AT ONLY 26%. RESERVOIR STORAGE, HOWEVER, IS EXCELLENT.

SNAKE, MADISON AND UPPER YELLOWSTONE RIVER WATERSHEDS

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year**	Average †
Yellowstone River at Yellowstone Lake Outlet	375	46	Apr-Sept	955	821
SNAKE River near Moran (1)	380	44	Apr-Sept	1047	858
SNAKE River above Palisades near Alpine (1)	1020	39	Apr-Sept	3237	2621
SNAKE River at Heise (2)	1350	37	May -Sept	4594	3640
Pacific Creek at Moran	59	35	Apr-Sept	--	169
Greys River above Palisades	78	20	Apr-Sept	477	388
Salt River above Palisades near Etna	70	19	Apr-Sept	516	365
Palisades Reservoir Inflow	1550	42	Apr-Sept	4589	3684
Swift Creek near Afton	- Not forecast -		May-Sept	--	45

(1) Observed flow plus change in storage in Jackson Lake.

(2) Observed flow plus change in storage in Jackson Lake and Palisades Reservoir.

** Measured flows for last year are U.S. Geological Survey provisional figures subject to revision.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average †
Madison (Wyo.)	4	2	3
SNAKE abv. Jackson Lake	2	13	18
Gros Ventre River	3	20	26
Hoback River	4	3	4
Greys River	2	14	19
Salt River	4	3	4

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average †
Grassy Lake	15.1	11.4	11.1	10.9
Jackson Lake	847.0	646.7	500.1	501.7
Palisades	1200.0	1126.1	173.7	774.4

+ 1958-1972 period.

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WATER SUPPLY OUTLOOK FOR THE CONSERVATION DISTRICTS IN THE BIGHORN BASIN IN WYOMING as of MAY 1, 1977

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE
THE BUREAU OF SOILS



YOUR WATER SUPPLY

MOST BASIN SUMMER STREAMFLOWS ARE FORECAST IN THE 50 TO 60 PERCENT OF NORMAL RANGE. SHELL CREEK IS HIGHEST AT 89% AND THE WIND RIVER BELOW BOYSEN IS LOW AT 40%. MOUNTAIN SNOW-PACK REMAINS NEAR NORMAL FOR MAY 1 IN THE SHELL DRAINAGE, WHILE DIMINISHING IN OTHER WATERSHEDS TO A LOW OF 15% ON THE SHOSHONE. RESERVOIR STORAGE IS VERY GOOD, HOWEVER.

This report prepared by

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BIGHORN BASIN

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year **	Average †
Wind River below Boysen (1)	400	40	Apr-Sept	1100	1006
Tensleep Creek near Tensleep	51	65	Apr-Sept	--	79
Medicine Lodge Creek near Hyattville	13	62	Apr-Sept	--	21
Shell Creek near Shell	65	89	Apr-Sept	85	73
Greybull River at Meeteetse	160	77	Apr-Sept	220	209
Shoshone River below Buffalo Bill Dam (2)	420	51	Apr-Sept	1037	827
Clarks Fork near Belfry	340	56	Apr-Sept	--	607

(1) Observed flow plus change in storage in Bull Lake, Pilot Butte and Boysen Reservoirs; plus diversion to Wyoming Canal; minus return flow from Fivemile and Muddy Creeks.

(2) Observed flow plus change in storage in Buffalo Bill Reservoir and diversion to Heart Mountain Canal.

** Measured flows for last year are U.S. Geological Survey provisional figures subject to revision.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average †
Clarks Fork	5	30	40
Shoshone	4	9	15
Nowood	5	36	46
Shell	5	89	98
Greybull	2	23	37

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

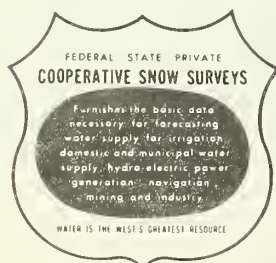
RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average †
Boysen	549.9	338.4	156.3	185.1
Buffalo Bill	373.1	191.7	124.8	120.0
Bighorn	1356.0	888.4	771.4	783.9
Upper Sunshine	53.0	46.8	45.8	-
Lower Sunshine	58.9	47.0	31.0	-

+ 1958-1972 period.

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STREAMFLOW FORECASTS

Measured flows for last year are U.S. Geological Survey provisional figures subject to revision.
Less than 15 years of record.

(COMPARISON WITH PREVIOUS YEARS)

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH+ 1958-1972 period.

"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK

FOR THE CONSERVATION DISTRICTS IN THE BELLE FOURCHE AND CHEYENNE RIVER WATERSHEDS IN WYOMING AND SOUTH DAKOTA



YOUR WATER SUPPLY

SNOWPACKS IN THESE WATERSHEDS HAVE BEEN REDUCED CONSIDERABLY TO ABOUT 70% OF THE NORMAL MAY 1 FIGURE. HOWEVER, THE SPRING AND SUMMER STREAMFLOW VOLUMES SHOULD RANGE FROM AVERAGE TO WELL ABOVE AVERAGE. RESERVOIR STORAGE IS ABOUT AVERAGE WITH SEVERAL ABOVE THE NORMAL MAY 1 VOLUME.

BELLE FOURCHE AND CHEYENNE RIVER WATERSHEDS

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR		PAST RECORD	
	FORECAST		THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average	FORECAST PERIOD	Last Year Average †
- No forecasts for this area -				

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average †
Belle Fourche	2	178	67

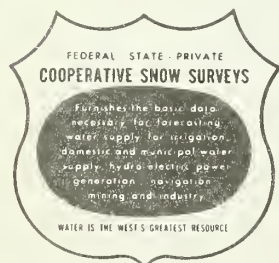
RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average †
Keyhole	190.4	134.6	131.1	82.0
Belle Fourche	185.2	- Delayed Report -		
Angostura	86.2	51.3	52.8	66.7
Deerfield	15.1	15.1	15.0	11.8
Pactola	55.0	54.6	51.4	40.3
Shadehill	81.5	66.8	67.3	64.5

+ 1958-1972 period.

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"The Conservation of Water begins with the Snow Survey"



SNOWPACKS HAVE DIMINISHED A LITTLE SINCE THE APRIL 1 FORECAST, AND SO HAVE THE PROJECTED SUMMER WATER SUPPLIES. THE FORECASTED STREAMFLOWS VARY FROM 77% ON DEER CREEK TO A LOW OF 44% OF NORMAL ON THE LARAMIE RIVER. SNOWPACKS RANGE FROM 86% IN THE LOWER NORTH PLATTE TO 51% ON THE LARAMIE DRAINAGE. MOST RESERVOIR STORAGE IS ABOVE THE NORMAL VOLUME FOR MAY 1.

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LOWER NORTH PLATTE RIVER WATERSHED

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS	THIS YEAR			PAST RECORD	
BASIN, STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year **	Average †
North Platte River near Sinclair	310	48	Apr-Sept	544	648
Deer Creek at Glenrock	20	77	Mar-July	36	26
LaPrele Creek near Douglas (Ab. Reservoir)	13	72	Mar-July	18.2	18
Laramie River & Pioneer Canal near Woods (1)	56	44	Apr-Sept	101	127
Little Laramie River near Filmore	30	48	Apr-Sept	54	62

(1) Observed flow plus transbasin diversions from North Platte River Basin to Cache La Poudre River Basin in Colorado.

** Measured flows for last year are U.S. Geological Survey provisional figures subject to revision.

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average †
Laramie River	13	53	51
Lower North Platte	3	80	86

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average †
Seminole	1010.5	527.8	575.4	314.3
Pathfinder	1015.9	723.3	880.0	412.0
Alcova	30.7	24.2	26.4	25.7
Glendo	783.7	476.4	498.5	452.3
Guernsey	45.2	34.6	36.0	32.0

† 1958-1972 period

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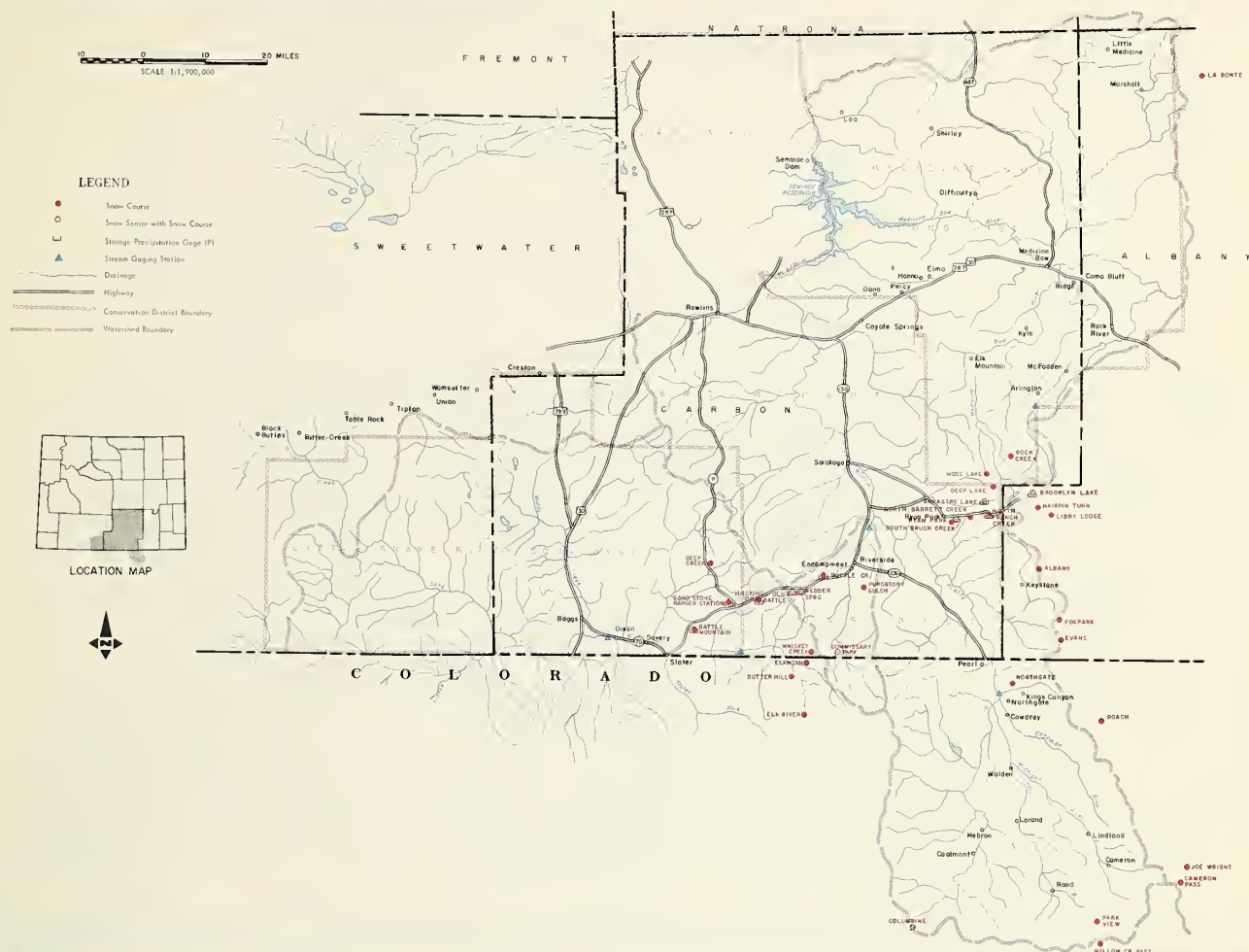
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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK FOR THE CONSERVATION DISTRICTS IN THE UPPER NORTH PLATTE AND LITTLE SNAKE RIVER BASINS IN WYOMING

as of MAY 1, 1977

U.S. DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE



YOUR WATER SUPPLY

SPRING AND SUMMER STREAMFLOWS REMAIN ABOUT THE SAME AS APRIL 1 PROJECTIONS. THE HIGHEST STREAMFLOW FORECAST IS ON THE NORTH PLATTE AT NORTHGATE WITH 60% AND THE ENCAMPMENT RIVER IS LOWEST WITH 43% OF NORMAL. SNOWPACK RANGES FROM 39% ON THE LITTLE SNAKE TO 77% ON BRUSH CREEK. SNOWPACKS ARE DIMINISHING RAPIDLY WITH A LARGE AMOUNT OF WATER BEING ABSORBED BY DRY SOILS. SEMINOE RESERVOIR STORAGE IS WELL ABOVE AVERAGE.

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UPPER NORTH PLATTE RIVER AND LITTLE SNAKE RIVER BASINS STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year **	Average †
North Platte River near Northgate	144	60	Apr-Sept	163	240
North Platte River near Sinclair	310	48	Apr-Sept	544	648
Encampment River near Encampment	60	43	Apr-Sept	142	141
Rock Creek near Arlington	31	56	Apr-Sept	50	55
Little Snake near Dixon	115	38	Apr-Sept	254	301
Little Snake near Slater, Colo.	52	36	Apr-Sept	-	145

** Measured flow for last year are U.S. Geological Survey provisional figures subject to revision.

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average †
Upper North Platte	16	53	54
Encampment River	3	35	40
Brush Creek	3	73	77
Medicine Bow River and Rock Creek	2	65	70
Little Snake River	2	38	39

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

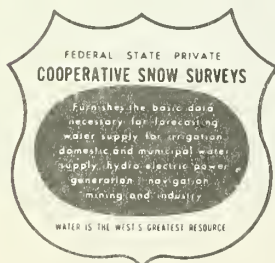
RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average †
Seminole	1010.5	527.8	575.4	314.3

† 1958-1972 period.

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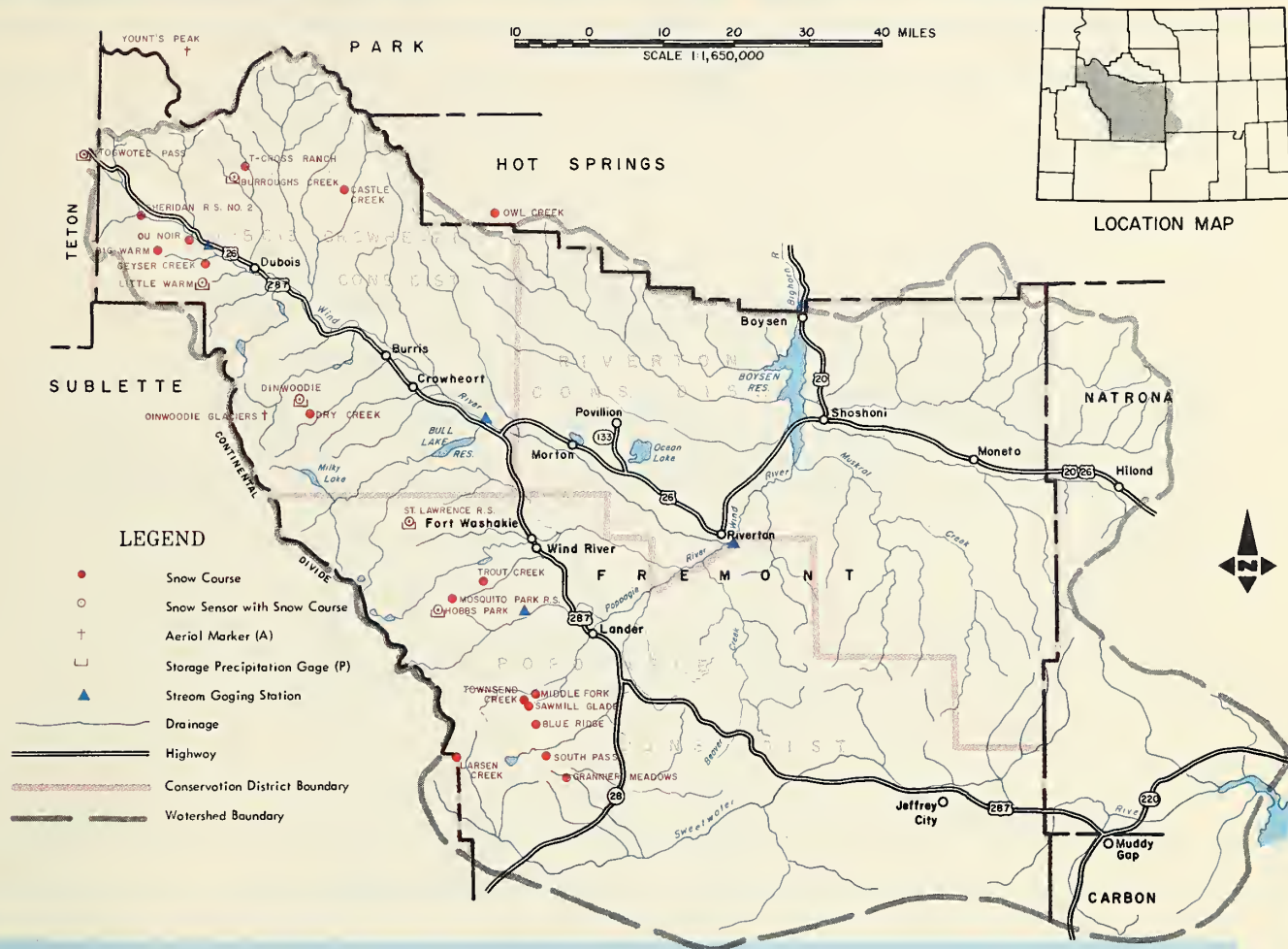
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WATER SUPPLY OUTLOOK

FOR THE CONSERVATION DISTRICTS IN THE WIND RIVER BASIN AND SWEETWATER RIVER WATERSHED IN WYOMING

as of MAY 1, 1977

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE
STATE OFFICE IN WYOMING



YOUR WATER SUPPLY

MAY 1 FORECASTS FOR SUMMER STREAMFLOW VOLUMES ARE REDUCED FROM THE APRIL 1 PROJECTIONS BY ABOUT 10%. BULL LAKE IS EXPECTED TO BE HIGHEST AT 60% AND THE WIND RIVER AT RIVERTON TO BE LOWEST AT 38% OF NORMAL. BASIN SNOWPACKS OF ABOUT 30% OF NORMAL ARE DETERIORATING RAPIDLY. DRY SOIL PROFILES ARE ABSORBING GREAT AMOUNTS OF THIS MELTING SNOW SIGNIFICANTLY REDUCING POTENTIAL SUPPLIES. RESERVOIR STORAGE IS NEAR OR ABOVE NORMAL.

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WIND RIVER BASIN AND SWEETWATER RIVER WATERSHED STREAMFLOW FORECASTS

STREAMFLOW FORECASTS		THIS YEAR		PAST RECORD	
BASIN, STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year **	Average †
Wind River near Dubois	47	46	Apr-Sept	146	102
Wind River at Riverton (1)	250	38	Apr-Sept	736	664
Wind River below Boysen (2)	400	40	Apr-Sept	1100	1006
Bull Lake Creek near Lenore (3)	110	60	Apr-Sept	178	182
Little Popo Agie near Lander	26	54	Apr-Sept	40	48

(1) Observed flow plus change in storage in Bull Lake and Pilot Butte Reservoirs and diversion to Wyoming Canal.

(2) Observed flow plus change in storage in Bull Lake, Pilot Butte and Bousen Reservoirs; plus diversion to

- (1) Observed flow plus change in storage in Bull Lake and Pilot Butte Reservoirs and diversion to Wyoming Canal.
 (2) Observed flow plus change in storage in Bull Lake, Pilot Butte and Boysen Reservoirs; plus diversion to Wyoming Canal minus return flow from Fivemile and Muddy Creeks.
 (3) Observed flow plus change in storage in Bull Lake
 ** Measured flows for last year are U.S. Geological Survey provisional figures subject to revision.

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average †
Wind River	9	21	24
Popo Agie	5	28	34
Sweetwater	3	24	27

RESERVOIR STORAGE (Thousand Ac. Ft.) END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average †
Bull Lake	151.8	55.8	67.6	69.2
Pilot Butte	31.6	31.0	23.0	26.2
Boysen	549.9	338.4	156.3	185.1

+ 1958-1972 period.

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"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK FOR THE CONSERVATION DISTRICTS IN THE UPPER GREEN RIVER BASIN IN WYOMING

as of MAY 1, 1977

U. S. DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
TWO DIVISIONS OF WYOMING - ONE IN EACH OF WYOMING



YOUR WATER SUPPLY

STREAMFLOW VOLUMES THIS SPRING AND SUMMER ARE EXPECTED TO BE FAR BELOW THE NORMAL AMOUNTS. FORECASTS RANGE FROM 26% (FLAMING GORGE INFLOW) TO 49% OF NORMAL ON THE BIG SANDY RIVER. THIS CONTINUES TO BE THE LOWEST YEAR ON RECORD WITH MANY COURSES FAR BELOW THE PREVIOUS RECORD LOW AND MANY PRESENTLY BARE WITH NO SNOWPACK AT ALL. MAY 1 SNOWPACK VARIED FROM 6% TO 15% OF NORMAL. RESERVOIR STORAGE AT PRESENT IS GOOD, BUT REPLACEMENT OF NORMAL SUMMER USE WITH THE VERY LOW RUNOFF POTENTIAL COULD BECOME CRITICAL.

This report prepared by

JAMES HAGLUND, JON WERNER and MARILYN STARKS
SNOW SURVEY UNIT, SOIL CONSERVATION SERVICE
CASPER, WYOMING

Issued by

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CASPER, WYOMING
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UPPER GREEN RIVER BASIN IN WYOMING

STREAMFLOW FORECASTS

STREAMFLOW FORECASTS		THIS YEAR		PAST RECORD	
BASIN, STREAM and/or FORECAST POINT	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year **	Average †
Green River at Warren Bridge	155	47	Apr-Sept	347	327
Green River near LaBarge	310	33	Apr-Sept	1124	931
Green River near Green River (1)	320	32	Apr-Sept	1222	989
Flaming Gorge Inflow	310	26	Apr-July	1329	1174
LaBarge Creek at LaBarge Meadows	3.0	33	Apr-Sept	9.5	9.0
Big Sandy River near Big Sandy	28	49	Apr-Sept	62	57

(1) Observed flow plus change in storage in Fontenelle Reservoir.

** Measured flows for last year are U.S. Geological Survey provisional figures subject to revision.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average †
Upper Green, East Side	8	8	9
Upper Green, West Side	7	4	6
Big Sandy	2	13	15

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average †
Eden	11.8	6.9	8.1	3.8*
Big Sandy	38.3	24.4	30.5	19.6
Fontenelle	344.8	199.5	198.2	--
Flaming Gorge	3749.0	2637.6	3351.0	1629.0

*Less than 15 years in average

† 1958-1972 period.

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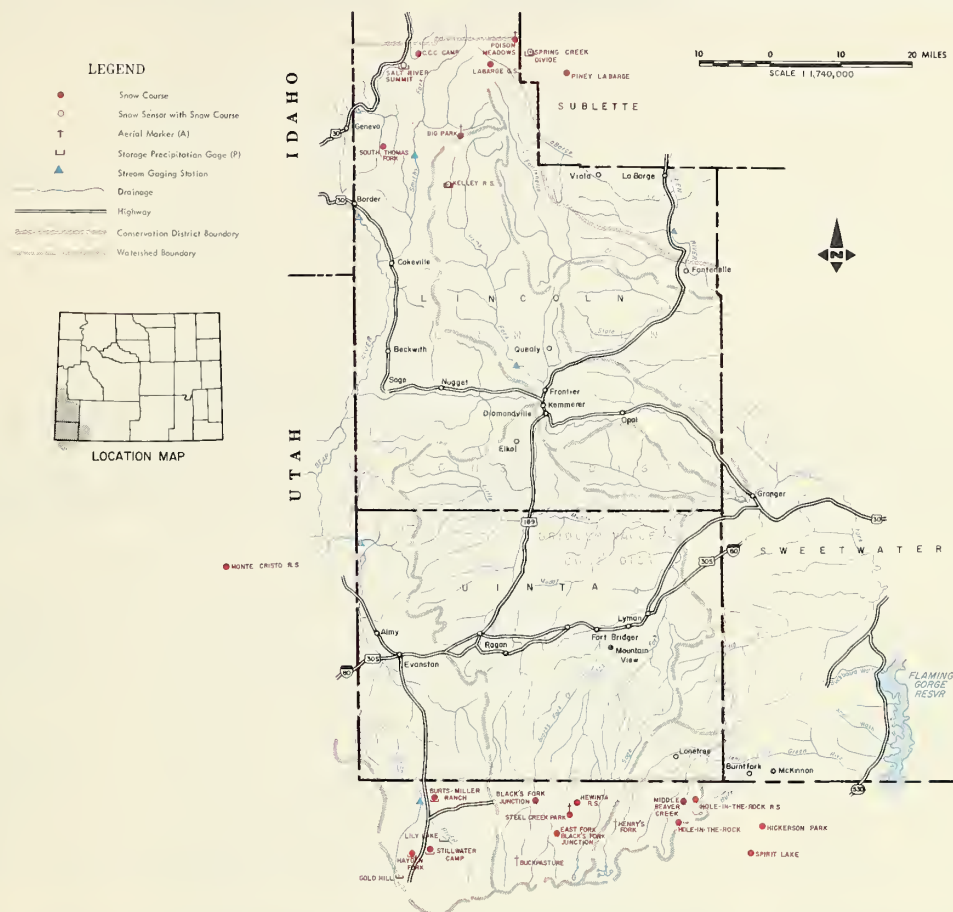
FIRST CLASS MAIL

"The Conservation of Water begins with the Snow Survey"

WATER SUPPLY OUTLOOK FOR THE CONSERVATION DISTRICTS IN THE LOWER GREEN RIVER AND BEAR RIVER WATERSHEDS IN WYOMING

as of MAY 1, 1977

U. S. DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE



YOUR WATER SUPPLY

SNOWPACK CONDITIONS ARE MUCH BELOW NORMAL, AND ARE RAPIDLY DIMINISHING. GREAT AMOUNTS OF SNOWMELT WILL NEVER REACH STREAM CHANNELS AS IT RECHARGES AN EXTREMELY DRY SOIL PROFILE IN MOST AREAS. SNOWPACK VARIES FROM 4 TO 38% OF NORMAL FOR MAY 1. MOST STREAMFLOWS ARE FORECAST IN THE 30% RANGE WITH SOME AS LOW AS 19% OF THE NORMAL VOLUME. RESERVOIR STORAGE IS ABOVE THE AVERAGE MAY 1 VOLUMES---BUT REPLACEMENT OF THE NORMAL SUMMER USE WITH THE EXPECTED LOW STREAMFLOWS COULD BECOME CRITICAL.

This report prepared by

JAMES HAGLUND, JON WERNER and MARILYN STARKS
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CASPER, WYOMING KEMMERER, WYOMING

LOWER GREEN RIVER AND BEAR RIVER WATERSHEDS

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR			PAST RECORD	
	FORECAST		FORECAST PERIOD	THOUSAND ACRE FEET	
	Thousand Acre Feet	Percent of Average		Last Year **	Average †
LaBarge Creek at LaBarge Meadows	3.0	33	Apr-Sept	9.5	9.0
Green River near Green River (1)	320	32	Apr-Sept	1222	989
Hams Fork below Pole Creek, near Frontier	16	24	Apr-Sept	74	69
Blacks Fork near Millburne	35	39	May-July	69	89
Flaming Gorge Inflow	310	26	Apr-July	1329	1174
Smiths Fork near Border	25	22	Apr-Sept	135	116
Thomas Fork near State Line	6	19	Apr-Sept	40	32
Bear River at Utah-Wyoming State Line	37	35	May-July	75	106
Henry's Fork near Manila, Utah	14	31	Apr-Sept	-	45

(1) Observed flow plus change in storage in Fontenelle Reservoir.

** Measured flow for last year are U.S. Geological Survey provisional figures subject to revision.

SUMMARY of SNOW MEASUREMENTS

(COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR'S SNOW WATER AS PERCENT OF	
		Last Year	Average †
Bear River	4	10	9
Thomas and Smiths Forks	4	3	4
Blacks Fork	4	43	33
Henry's Fork	2	38	38
Green above Flaming Gorge	15	6	7

RESERVOIR STORAGE (Thousand Ac. Ft.)

END OF MONTH

RESERVOIR	Usable Capacity	Usable Storage		
		This Year	Last Year	Average †
Fontenelle	344.8	199.5	198.2	--
Flaming Gorge	3749.0	2637.6	3351.0	1629.0
Viva Naughton	42.4	31.6	28.2	27.0*

*Less than 15 years in average

+ 1958-1972 period.

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"The Conservation of Water begins with the Snow Survey"

BASIC DATA SUPPLEMENT 1

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST REC.	
	Date of Survey	Snow Depth (In.)	Water Cont. (In.)	Water Content (Inches)	
				Last Yr.	Ave†
Afton R.S.	4/26	0	0.0	0.0	0.0
Albany	4/28	17	6.7	13.4	13.0
Arrastre Lake Pillow	4/25	-	22.2	33.5	-
Bald Mountain	4/28	84	35.0	31.6	28.0
Bald Mountain Pillow	4/28	-	26.1	-	-
Battle Mountain	4/27	0	0.0	5.0	-
Bearlodge Divide	4/27	0	0.0	0.8	1.5
Beaver-Tongue Divide	4/28	63	24.7	26.0	24.4
Big Goose	4/27	28	10.7	11.1	9.6
Big Park	4/29	6	1.8	25.9	22.2
Big Sandy Opening	4/27	7	1.9	17.6	15.0
Big Sandy Opening Pillow	4/27	-	2.2	18.9	-
Big Warm Springs	4/28	0	0.0	6.0	5.9
Black's Fk. G.S.	4/25	10	2.5	6.1	10.1
Black's Fork Junction	4/25	4	1.2	5.4	8.4
Blue Ridge	5/02	10	3.4	13.4	13.7
Bone Spring Divide	4/26	60	19.8	25.4	22.4
Bottle Creek	4/26	3	0.6	11.5	8.2
Boxelder	4/29	16	5.7	9.2	6.7
Brooklyn Lake	4/28	39	14.2	25.6	24.4
Brooklyn Lake Pillow	4/28	-	15.2	-	-
Bryan Flat	4/28	0	0.0	9.3	2.4
Buck Creek	4/29	28	10.2	9.6	-
Burgess Ranger Station	4/28	38	12.6	11.3	10.0
Burgess R.S. Pillow	4/28	-	15.5	-	-
Burroughs Creek	4/28	4	1.1	20.4	13.6
Burroughs Creek Pillow	4/28	0	0.0	-	-
Burts-Miller Ranch	4/25	0	0.0	0.0	1.6
Butter Hill	4/28	4	1.0	13.1	-
Cameron Pass	4/29	47	22.3	37.0	31.2
Canyon	5/02	0	0.0	21.0	16.0
Canyon Pillow	- Delayed	-	-	-	-
Carter Mountain	4/28	14	4.1	9.9	6.6
Casper Mountain	4/29	45	16.7	18.8	17.5
Casper Mountain Pillow	4/29	-	12.6	16.8	-
Castle Creek	4/28	0	0.0	4.2	-
CCC Camp	4/26	0	0.0	12.6	8.2
Chambers Lake	4/28	0	0.0	4.4	6.0
Cold Springs Camp	4/30	13	4.2	13.6	10.7
Columbine Lodge	4/29	10	4.0	14.2	22.0
Cooke Station	4/29	28	10.0	30.4	22.0
Darby Canyon	4/25	29	10.3	34.9	-
Deadman Hill	4/29	25	8.6	16.1	18.0
Deep Creek	4/27	0	0.0	12.0	-
Deep Lake	4/27	77	32.6	48.4	-
Dinwoody	4/27	16	3.9	15.6	14.3
Dinwoody Pillow	4/27	-	5.8	-	-
Dome Lake	4/27	35	11.4	15.6	12.7
Dome Lake Pillow	4/27	-	11.5	-	-
DuNoir	4/28	0	0.0	8.8	7.7
East Entrance	5/02	0	0.0	8.1	3.3
East Rim Divide	4/30	0	0.0	13.1	11.4
Elbo Ranch	5/02	0	0.0	18.5	-
Elkhart Park G.S.	4/27	14	4.0	17.8	16.2
Elkhorn	- No Report	-	-	26.8	-
Elk River	4/27	12	3.5	14.6	15.4
Evans	4/28	8	2.5	7.2	11.5
Fisher Creek	4/29	55	22.8	53.2	42.4
Fisher Creek Pillow	- Delayed	-	-	50.1	38.9
Five Springs Falls	4/28	28	10.8	6.0	7.8
Foxpark	4/28	0	0.0	0.0	5.8
Freds Mountain	4/25	22	8.5	35.7	-
Geyser Creek	4/28	1	0.3	0.0	6.1
Glade Creek	4/29	0	0.0	33.0	-
Granite Pass	4/26	55	17.6	23.2	20.7
Grannier Meadows	4/28	18	5.4	15.9	15.1
Grassy Lake	4/29	16	7.0	50.9	34.3

SNOW

DRAINAGE BASIN and/or SNOW COURSE	THIS YEAR			PAST REC.	
	Date of Survey	Snow Depth (In.)	Water Cont. (In.)	Water Content (Inches)	
				Last Yr.	Ave†
Greys Boundary	4/26	0	0.0	11.1	2.1
Gros Ventre Summit	4/30	7	1.4	12.7	11.7
Grover Park Divide	4/26	0	0.0	15.0	9.6
Hairpin Turn	4/28	26	8.5	16.0	15.6
Haskins Creek	4/27	33	12.6	30.9	-
Hayden Fork	4/25	14	4.6	14.8	15.5
Hewinta Guard Station	4/25	9	2.9	7.5	10.2
Hickerson Park	4/25	7	2.2	6.2	5.2
Hobbs Park	4/27	26	7.2	19.0	17.4
Hobbs Park Pillow	4/27	-	11.4	-	-
Indian Meadows	4/25	34	13.0	54.6	-
Jackpine Creek	4/25	17	6.9	33.0	-
Joe Wright	4/29	50	18.8	26.8	-
Kelley Ranger Station	4/29	0	0.0	23.2	18.2
Kelley R.S. Pillow	4/29	0	0.0	-	-
Kendall Ranger Station	4/30	0	0.0	11.6	8.8
LaBonte	4/26	0	0.0	0.0	1.8
Lake Camp	4/30	0	0.0	8.9	8.4
LaPrele Pillow	4/27	-	7.5	14.5	-
Larsen Creek	4/27	0	0.0	17.3	11.5
Lewis Lake Divide	4/29	19	7.1	58.5	43.5
Lewis Lake Divide Pillow	- No Report	-	-	-	-
Libby Lodge	4/28	12	4.5	10.7	9.3
Little Warm	4/28	24	7.1	25.5	19.2
Little Warm Pillow	- No Report	-	-	-	-
Loomis Park	4/30	0	0.0	18.4	17.1
Lost Lake	4/28	2	0.7	9.2	9.9
Lupine Creek	5/02	0	0.0	13.8	7.7
Mallo Pillow	5/01	0	0.0	-	-
Marquette Creek	4/28	24	6.8	10.7	-
McIntyre	4/26	12	4.2	11.3	10.1
Medicine Lodge Lakes	4/28	24	7.7	14.0	14.3
Medicine Wheel	4/28	60	24.4	20.0	20.1
Middle Fork	4/28	8	1.8	0.0	-
Middle Powder	- No Report	-	-	13.1	16.1
Middle Powder Pillow	- No Report	-	-	16.4	-
Miles Creek	4/25	0	0.0	15.7	-
Monte Cristo	4/25	0	0.0	26.0	26.7
Moss Lake	4/27	43	18.2	27.8	-
Mount Tom Pillow	5/01	0	0.0	-	-
Muddy Creek G.S.	5/01	0	0.0	9.4	3.6
Munkres Pass	5/01	20	6.9	17.4	11.8
New Fork Lake	4/30	0	0.0	10.7	11.3
Norris Basin	5/02	0	0.0	14.6	7.3
North Barrett Creek	4/25	48	18.9	23.7	23.5
Northeast Entrance	5/02	0	0.0	13.0	7.8
Northeast Entrance Pillow	- Delayed	-	-	13.8	-
North French Creek	4/25	62	27.2	38.3	35.6
North French Creek Pillow	4/25	-	20.3	29.8	-
Northgate	4/28	1	0.2	3.4	3.7
North Tongue	4/28	40	13.4	16.9	14.3
Old Battle	4/26	42	17.0	39.7	37.0
Old Battle Pillow	- No Report	-	-	-	-
Old Faithful	5/02	0	0.0	19.2	-
Onion Gulch	5/01	15	5.3	13.9	10.8
Owl Creek	4/30	6	1.5	9.6	8.1
Park View	4/28	4	1.1	6.4	6.5
Phillips Bench	4/28	41	15.0	38.4	-
Phillips Bench Pillow	4/28	-	6.2	43.4	-
Piney LaBarge	4/27	0	0.0	26.1	22.1
Pocket Creek	4/27	9	2.5	17.6	13.9
Poison Meadows	4/27	20	6.7	37.8	32.4
Pole Mountain	4/27	0	0.0	5.2	2.4
Powder River Pass	5/01	19	6.4	18.4	15.1
Powder River Pass Pillow	5/01	-	6.2	-	-
Purgatory Gulch	4/26	11	4.0	-	-
Rabbit Ears	4/29	24	8.8	23.4	27.1

BASIC DATA SUPPLEMENT 1

SNOW

[illegible]

Ranger Creek	4/28	18	6.2	11.6	9.9
Reuter Canyon	4/27	12	6.4	2.8	8.0
Roach	4/26	38	12.2	23.4	18.5
Rock Creek	4/27	58	24.7	33.8	30.8
Rowdy Creek	4/28	14	5.4	29.8	-
Ryan Park	4/25	16	6.2	9.2	8.6
Salt River Summit	4/26	3	1.2	20.4	13.9
Salt River Summit Pillow	4/26	-	2.9	21.0	-
Sandstone Ranger Station	4/27	0	0.0	11.3	-
Sawmill Divide	4/27	50	16.3	20.5	-
Sawmill Glade	5/02	6	2.4	20.4	8.4
Shell Creek	4/28	52	14.4	19.7	18.0
Shell Creek Pillow	4/28	-	14.2	-	-
Sheridan Ranger Station	4/28	0	0.0	3.0	4.6
Sibley Lake	4/26	45	16.4	14.8	13.1
Snider Basin Ranger Sta.	4/27	0	0.0	19.9	14.4
Snow King Mountain	4/28	0	0.0	20.7	12.2
Soda Lake	4/28	0	0.0	23.1	16.9
Soldier Park	5/01	14	4.5	11.7	7.5
Sour Dough	5/01	10	3.4	13.5	7.4
South Brush Creek Pillow	4/25	-	12.9	13.3	-
South Pass	4/28	12	5.1	15.7	15.4
South Thomas Fork	4/28	0	0.0	18.0	16.6
Spirit Lake	4/25	17	5.5	14.0	15.0
Spring Creek Divide Pillow	4/27	-	0.0	-	-
State Line	4/25	0	0.0	19.6	8.4
Steamboat Point	4/25	41	14.5	10.8	11.6
Steel Creek Park	4/25	33	8.9	16.8	18.7
Stillwater Camp	4/25	0	0.0	6.5	7.6
St. Lawrence R.S.	4/27	7	2.3	9.4	7.9
St. Lawrence R.S. Pillow	4/27	-	3.6	-	-
Sucker Creek	4/26	49	17.5	17.1	16.7
Sucker Creek Pillow	4/26	-	20.4	-	-
Sweetwater Mountain Pillow	5/01	-	0.0	-	-
Sylvan Lake Pillow	-	Delayed	-	-	-
Sylvan Pass	5/02	0	0.0	16.2	10.0
T-Cross Ranch	4/28	0	0.0	5.2	3.1
Teton Pass W.S.	4/28	22	7.8	36.3	-
Timber Creek	4/30	0	0.0	8.1	4.4
Togwotee Pass	4/29	31	13.4	41.2	33.9
Togwotee Pass Pillow	4/29	-	11.3	-	-
Townsend Creek	5/02	5	1.2	3.8	-
Trial Lake	4/25	16	5.7	23.5	25.7
Triple Peaks	4/28	0	0.0	34.4	27.9
Twenty-One Mile	4/27	4	1.2	21.8	17.6
Tyrell Ranger Station	4/30	16	5.3	13.2	9.9
Warren Peak	4/27	24	9.0	5.8	-
Webber Spring	4/26	23	7.9	21.4	18.2
Webber Spring Pillow	4/26	-	9.8	30.5	-
West Tensleep Lake	4/30	20	5.8	15.9	12.7
West Yellowstone	4/27	T	0.1	15.2	7.2
Whiskey Creek	-	No Report	-	28.5	-
White Mill	4/29	39	13.3	38.6	30.0
White Mill Pillow	-	Delayed	-	34.9	-
Willow Creek Pass	4/28	9	2.9	10.5	11.0
Wolverine	4/29	0	0.0	18.8	14.0
Wood Rock Guard Station	4/27	41	12.8	15.2	13.3

a Less than 15 years
b 1958-72 adjusted average
c Partly estimated

SNOW

SNOW	THIS YEAR			PAST REC.	
	Date of Survey	Snow Depth (In.)	Water Cont. (In.)	Water Content (Inches) Last Yr.	Ave.
DRAINAGE BASIN and/or SNOW COURSE					

[illegible]

BASIC DATA SUPPLEMENT 2

PRECIPITATION (Inches)

FOR MONTH OF APRIL

PRECIPITATION (Inches)		FOR MONTH OF APRIL		CURRENT INFORMATION		PAST RECORD	
DRAINAGE BASIN and PRECIPITATION GAGE LOCATION		ELEVATION	Date of Reading	Precip-itation	Last Year	Average †	
UPPER YELLOWSTONE							
Lake Camp (NWS)	7780	- No Report -			1.17	1.50	
LOWER YELLOWSTONE							
Bald Mountain	9375	4/28	1.10		4.00		
Burgess R.S.	7880	- No Report -			-		
Burroughs Creek	8750	4/28	2.50		-		
Carter Mountain	7950	4/28	1.90		6.15		
Dome Lake	8850	4/27	1.50		-		
Granite Pass	9100	4/26	0.85		2.45		
Louis Lake	8500	- No Report -			1.25	3.45*	
Middle Powder	7800	- No Report -			3.75		
Onion Gulch	8780	5/01	2.00		2.70		
Powder River Pass	9475	5/01	2.75		3.80	3.57*	
Shell Creek	9600	4/28	5.00		-		
Sylvan Lake	8420	- Delayed Report -			-		
Timber Creek	7950	4/30	3.15		6.25		
Togwotee Pass	9600	4/29	1.85		4.30	4.58*	
NORTH PLATTE							
Arrastre Lake	10275	4/25	4.56		6.12		
Brooklyn Lake	10220	4/28	6.19		5.76	4.27*	
Casper Mountain	7850	4/29	2.63		6.44	5.64*	
North French Creek	10130	4/25	4.56		4.25	4.88*	
Old Battle	9900	4/26	4.37		9.44	5.90*	
Pole Mountain	8360	4/27	1.90		3.50	3.10*	
Rock Creek	10100	4/27	4.80		4.68		
South Brush Creek	8440	4/25	4.81		4.31		
Webber Spring	9240	4/26	2.87		4.25		
GREEN RIVER							
Battle Mountain	7440	4/27	1.87		3.60		
Big Sandy Opening	9100	- No Report -			2.50	2.30*	
East Rim Divide	7950	4/30	0.35		1.20	1.68*	
Elkhart Park G.S.	9400	- No Report -			2.00	2.06*	
Gros Ventre	8775	4/30	1.25		3.00		
Haskins Creek	8800	4/27	2.54		6.30		
Sandstone R.S.	8140	4/27	1.98		4.50		
Snider Basin	8060	4/27	0.55		1.65	2.19*	
Spring Creek Divide	9000	4/27	1.00		-		
SNAKE RIVER							
Grassy Lake	7265	4/29	1.45		5.05	4.26*	
Grover Park Divide	7000	4/26	0.85		4.10		
Lewis Lake Divide	7860	4/29	1.10		4.40	4.24*	
Moran (NWS)	6500	4/30	0.64		2.51	1.99	
Phillips Bench	8200	4/28	0.80		5.12		
Salt River Summit	7600	4/26	0.87		2.75	2.40*	
Snake River Station (NWS)	6920	4/30	0.70		2.15	2.65*	
BEAR RIVER							
Kelley R.S.	8180	4/29	0.50		3.30	3.14*	
BELLE FOURCHE							
Bearlodge Divide	4680	- Delayed Report -			4.62	2.81	
Sweetwater Mountain	5860	5/01	1.88		-		
Warren Peak	6520	4/27	1.00		2.90	2.06*	
(NWS) National Weather Service gage							
* Average does not contain 15 years of record							

INDEX TO WYOMING SNOW COURSES

DRAINAGE BASIN AND COURSE NAME	WYOMING NUMBER	ELEV.	SEC. LAT.	LOCATION TWP. RANGE LONG.	RECORD BEGAN	MEAS. ^a DATES	MEAS. ^b BY	DRAINAGE BASIN AND COURSE NAME	WYOMING NUMBER	ELEV.	SEC. LAT.	LOCATION TWP. RANGE LONG.	RECORD BEGAN	MEAS. ^a DATES	MEAS. ^b BY	DRAINAGE BASIN AND COURSE NAME	WYOMING NUMBER	ELEV.	SEC. LAT.	LOCATION TWP. RANGE LONG.	RECORD BEGAN	MEAS. ^a DATES	MEAS. ^b BY		
MISSOURI RIVER DRAINAGE								MISSOURI RIVER DRAINAGE (cont.)								COLORADO RIVER DRAINAGE (cont.)									
Modison River								Powder River								Green River below Green River (cont.)									
Black Bear m	11E35	7950	27	15S	5E	1972	1,2,3,4,5,6	Bear Trap	7F1A	7900	3	45N	85W	1960	2,3,4	1	Nickerson Park u	9J8	9100	24	2N	17E	1961	3,4,5,6	1
Norris Basin	10E2	7500	44°45'		110°42'	1936	1,2,3,4,5	Cloude Peak	7E36A	9850	44°24'		107°05'	1960	2,3,4	1	Nole-in-the-rock u	10J1	9150	13	2N	15E	1931	4	1
Old Faithful	10E18	7400	44°27'		110°49'	1975	1,2,3,4,5	Middle Powder	7F2*	7760	9	42N	86W	1960	2,3,4,5	1	Nole-in-the-rock GS u	10J3	8300	32	3N	16E	1954	4	1
21 Mile m	11E6	7150	1	11S	5E	1937	1,2,3,4,5	Muddy Creek G.S.	6E2	7820	1	48N	84W	1956	2,3,4,5	1	Kelley R.S.	10G12*	8180	1	26N	118W	1951	2,3,4,5	1
West Yellowstone m	11E7	6700	34	13S	5E	1934	1,2,3,4,5	Munkras Pass	7E8	9400	10	48N	85W	1950	2,3,4,5	1	Middle Beaver Creek u	10J2	8550	31	3N	16E	1954	4	1
								Onion Gulch	7E27P	8780	31	48N	85W	1956	2,3,4,5	1	Old Battle	6R10*	9920	29	14N	85W	1936	2,3,4,5,6	1,6
								Powder River Pass	7E6*	9480	6	48N	85W	1967	2,3,4,5	1	Steel Creek Fork u	10J20A	9900	17	2N	13E	1962	3,4,5	1
								Soldier Park	7E5	8780	44°21'		107°02'	1950	2,3,4,5	1	Spirit Lake u	9J7	10300	10	1N	17E	1961	3,4,5,6	1
								Sour Dough	6E1	8460	44°13'		107°00'	1936	2,3,4,5	1	Trial Lake u	10J8P	9800	5	2S	9E	1931	1,2,3,4,5,6	1
																	Little Snake River								
Canyon	10E3*	7940	44°44'		110°30'	1938	1,2,3,4,5	Grannier Meadows	8G4	8860	19	30N	100W	1937	2,3,4,5	1	Battle Mountain	7H4P	7440	35	13N	88W	1975	2,3,4,5	1,4
Crevice Mountain m	10D5	8400	22	9S	9E	1935	3,4	Larsen Creek	9G6	9020	42°36'		109°05'	1949	2,3,4,5	1	Butter Mill c	6J37	7880	12	11N	86W	1975	2,3,4,5	1,4
East Entrance	9E5	6960	44°29'		110°00'	1948	1,2,3,4,5	South Pass	8G3	9040	13	30N	101W	1940	2,3,4,5	1	Deep Creek	7N2	7880	12	14N	86W	1975	2,3,4,5	1,4
Lake Camp	10E4P	7780	44°33'		110°24'	1937	1,2,3,4,5									Elkhorn c	6J36	8475	21	12N	85W	1975	2,3,4,5	1,4	
Lupine Creek	10E1	7380	44°55'		110°37'	1938	1,2,3,4,5									Elk River c	6J4P	8700	6	10N	85W	1936	2,3,4,5	1	
Northeast Entrance m	10D7P	7400	33	9S	14E	1937	1,2,3,4,5									Neskins Creek	7N1P	8975	26	14N	86W	1975	2,3,4,5	1,4	
Parker's Peak	9E7A	9400	44°44'		109°55'	1965	2,3,4									Sandstone R.S.	7H3P	8150	10	13N	87W	1975	2,3,4,5	1,4	
Pitchstone Plateau	10E16A	8520	44°14'		110°44'	1965	2,3,4									Whiskey Creek	6N22	8950	13	12N	85W	1975	2,3,4,5	1,4	
Thumb Divide	10E7	7980	44°22'		110°34'	1946	2,3,4																		
Two Ocean Plateau	10E17A	9160	44°09'		110°12'	1965	2,3,4																		
Sylvan Pass	10E5*	7100	44°29'		110°02'	1936	1,2,3,4,5	Brooklyn Lake	6N13*	10220	14	16N	79W	1936	2,3,4,5	1									
								Cameron Pass c	5J1	10285	2	6N	76W	1936	2,3,4,5	1									
								Deadman Mill c	5J6*	10200	26	10N	75W	1937	2,3,4,5	1									
								Evans	6N15	9080	4	12N	78W	1960	2,3,4,5	1									
								Foxpark	6N12	9060	21	13N	78W	1936	2,3,4,5	1									
								Hairpin Turn	6N2	9460	19	16N	78W	1936	2,3,4,5	1									
								Libby Lodge	6N3	8750	29	16N	78W	1936	2,3,4,5	1									
								Lost Lake c	5J23	9300	32	8N	75W	1951	2,3,4,5	1	Arizona	10F1	6820	43°59'		110°39'	1919	1,2,3,4	5
								McIntyre c	5J15	9100	35	10N	76W	1949	4,5	1	Aster Creek	10E8	7750	44°17'		110°38'	1919	1,2,3,4	5
								Pole Mountain	5N1P	8360	23	15N	71W	1936	2,3,4,5	1	Base Camp	10F2	7030	43°56'		110°27'	1930	1,2,3,4	5
								Rosch c	6J12	9800	15	11N	78W	1940	2,3,4,5	1	Coulter Creek	10E10	7020	44°10'		110°33'	1919	2,3,4	2,5
																Glade Creek	10E13	7040	26	47N	116W	1919	1,2,3,4	5	
																Grassy Lake	10E15P	7265	18	48N	116W	1940	1,2,3,4,5	5	
																Nucleberry Divide	10E14	7300	44°03'		110°41'	1919	1,2,3,4	5	
																Lewis Lake Divide	10E9*	7850	44°12'		110°40'	1919	1,2,3,4,5,6	5	
																Moran	10F4P	6750	19	45N	114W	1919	1,2,3,4	5	
																Moran Bay	10F3	6810	43°52'		110°44'	1919	2,3,4	5	
																Pitchstone Plateau	10E16A	8520	44°14'		110°44'	1965	2,3,4	1	
																Snake River Station	10E12P	6920	44°08'		110°40'	1919	1,2,3,4	5	
																Thumb Divide	10E7	7980	44°22'		110°34'	1938	1,2,3,4	5	
																Two Ocean Plateau	10E17A	9160	44°09'		110°12'	1965	2,3,4	1	
																	Jackson Lake to Polisades								
																Afton R.S.	10C4	6240	42°44'		110°56'	1936	1,2,3,4,5	1	
																Blackrock	10F7	8900	43°47'		110°08'	1936	2,3,4	5	
																Blind Bull Summit	10C2*	8650	42°57'		110°36'	1948	2,3,4	1	
																Bryan Flag	10F14	6420	9	38N	115W	1936	2,3,4,5	1	
																CCC Camp	10C7	7000	42°31'		110°53'	1936	1,2,3,4,5	1	
																Cottonwood Lake	10C5*	7600	42°30'		110°49'	1936	2,3,4	1	
																East Rim Olvide	10F17P	7930	32	37N	111W	1936	2,3,4,5	1	

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